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FIG. 1A

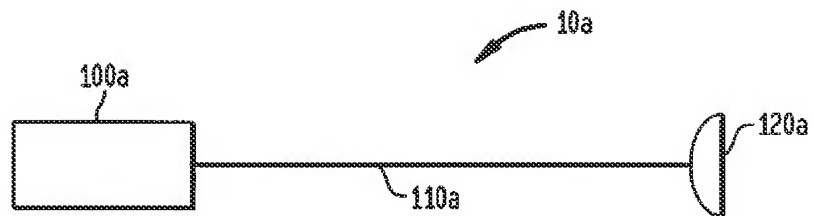
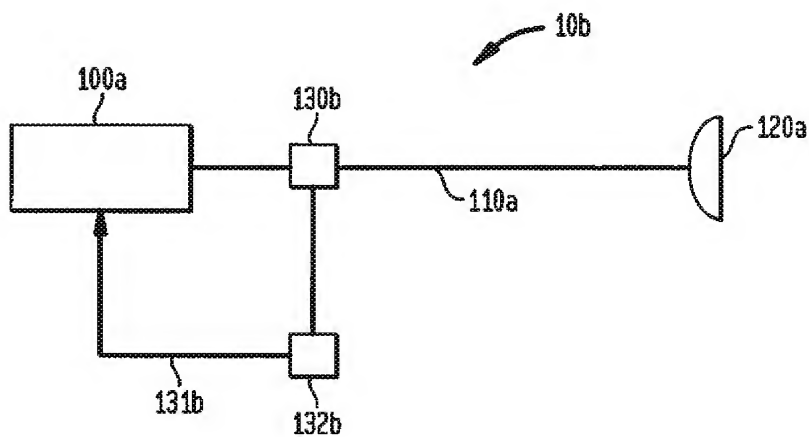


FIG. 1B



100a-Turbine

110a-Duct

120a-Means for allowing a patient to receive pressurized gas

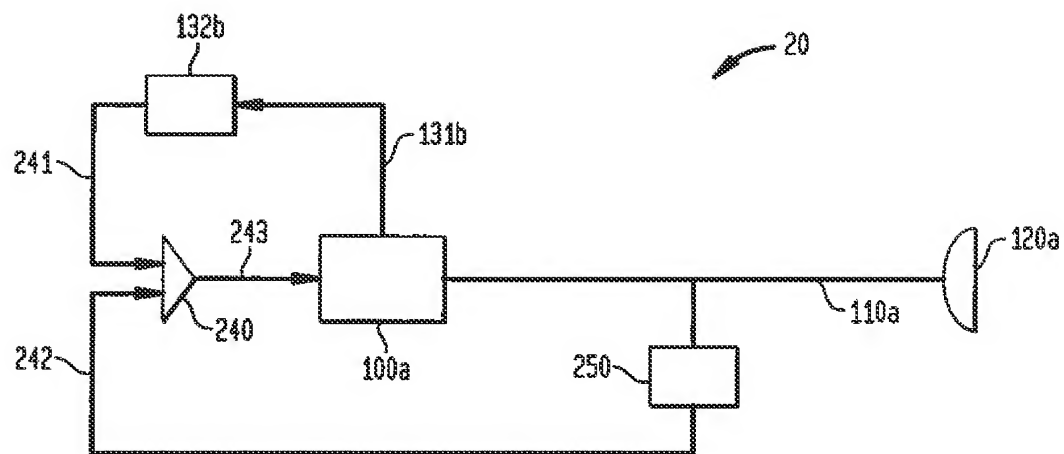
130b-Flowmeter

131b-Connection

132b-Means of calculation

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FIG. 2



100a-Turbine

110a-Duct

120a-Means for allowing a patient to receive pressurized gas

131b-Connection

132b-Means of calculation

240-Circuit

241-First Connection

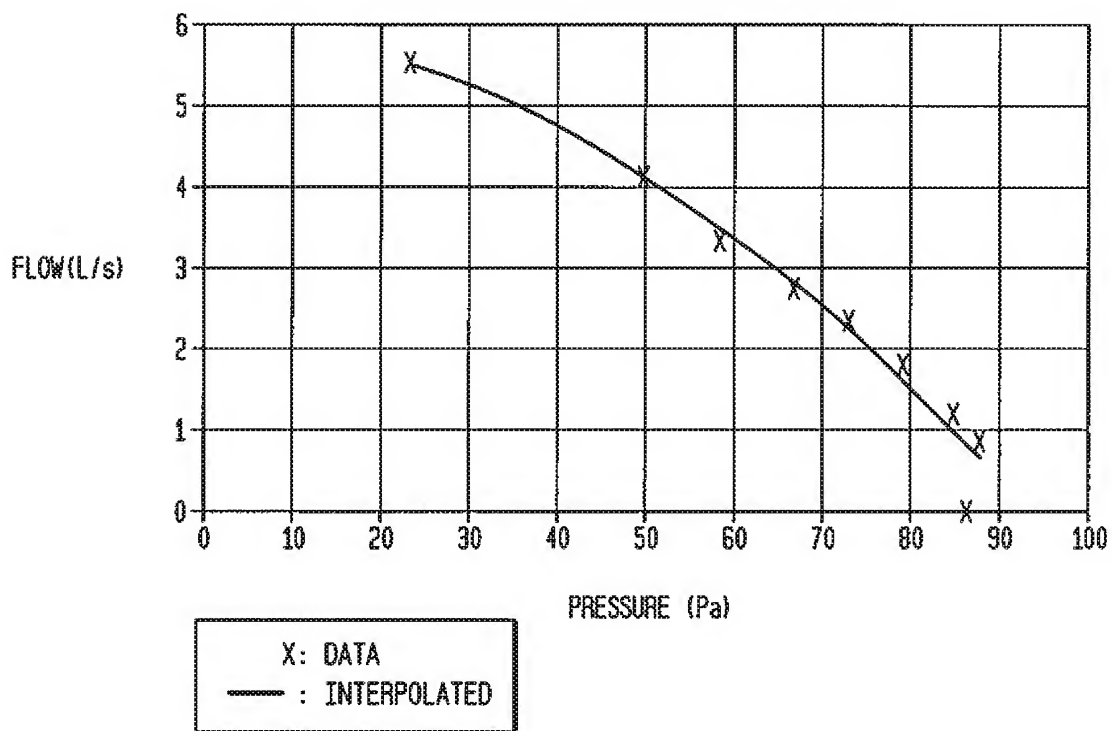
242-Second Connection

243-Connection

250-Pressure Sensor

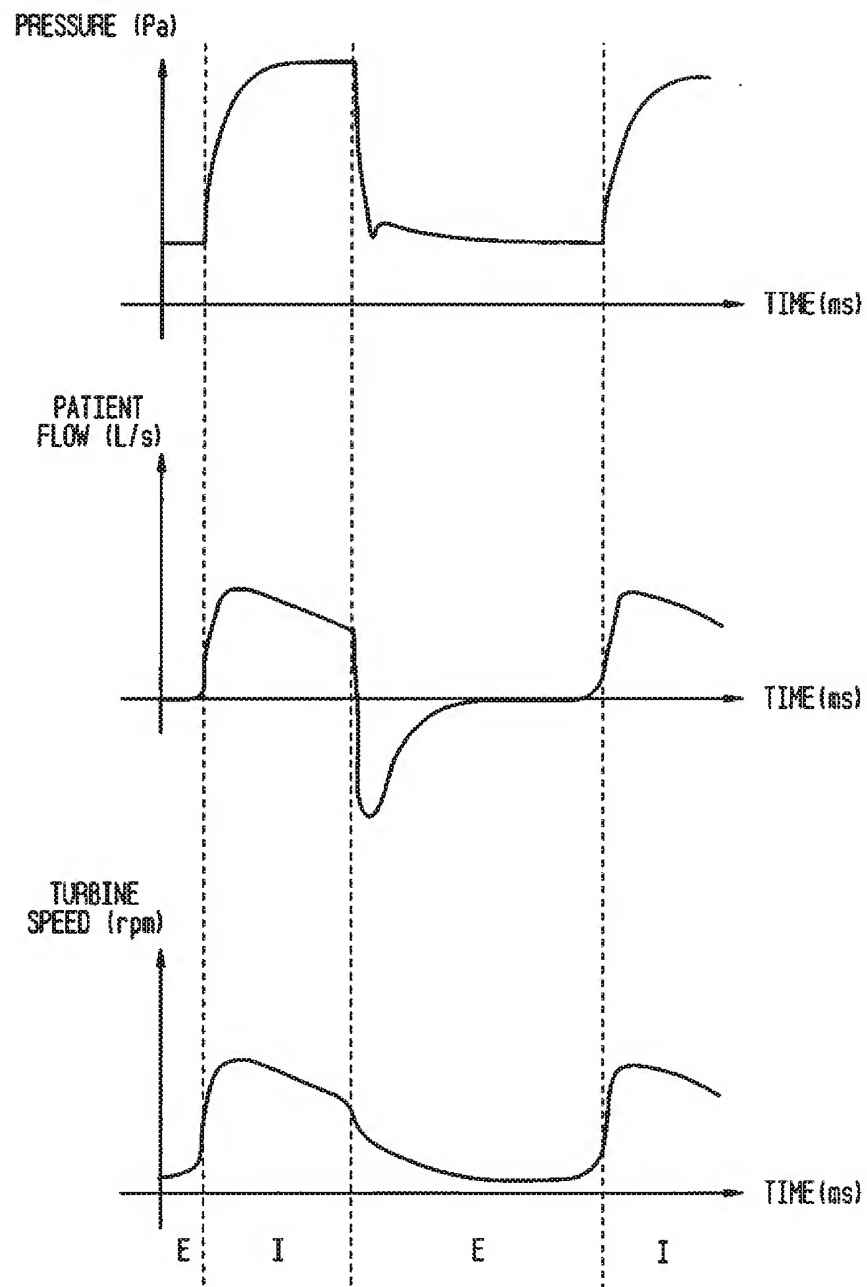
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FIG. 3



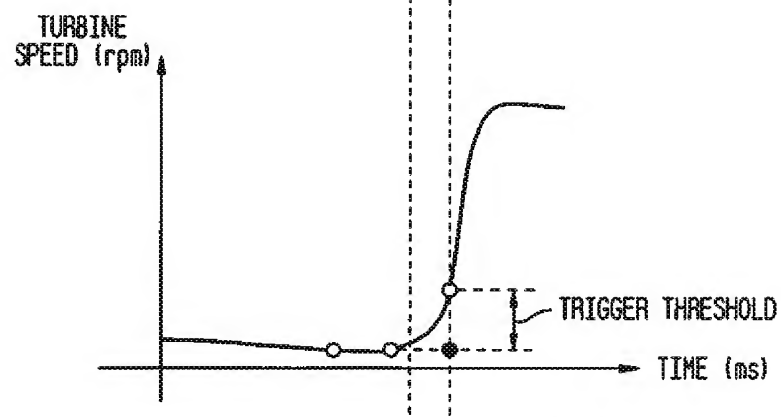
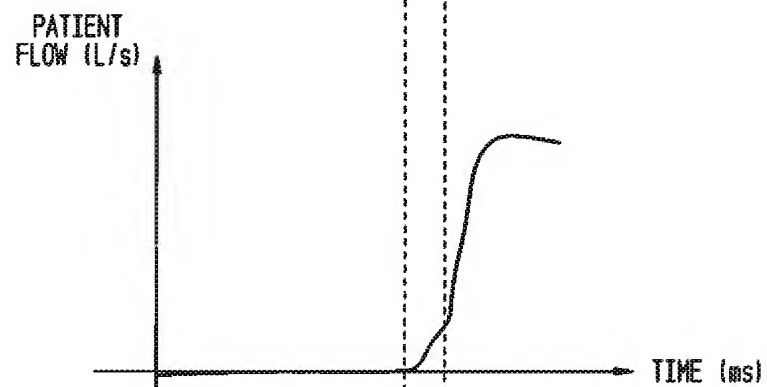
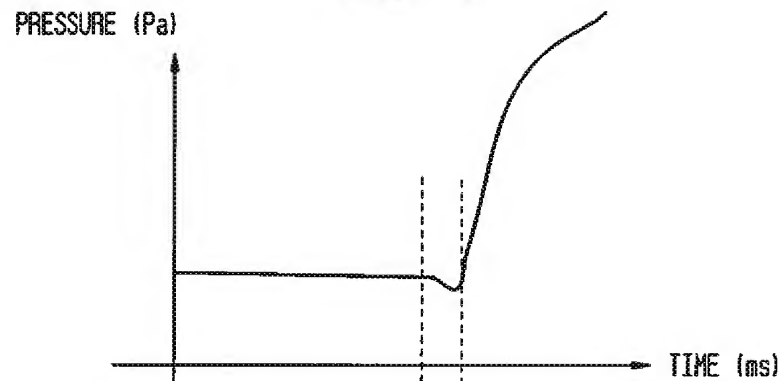
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FIG. 4



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FIG. 5

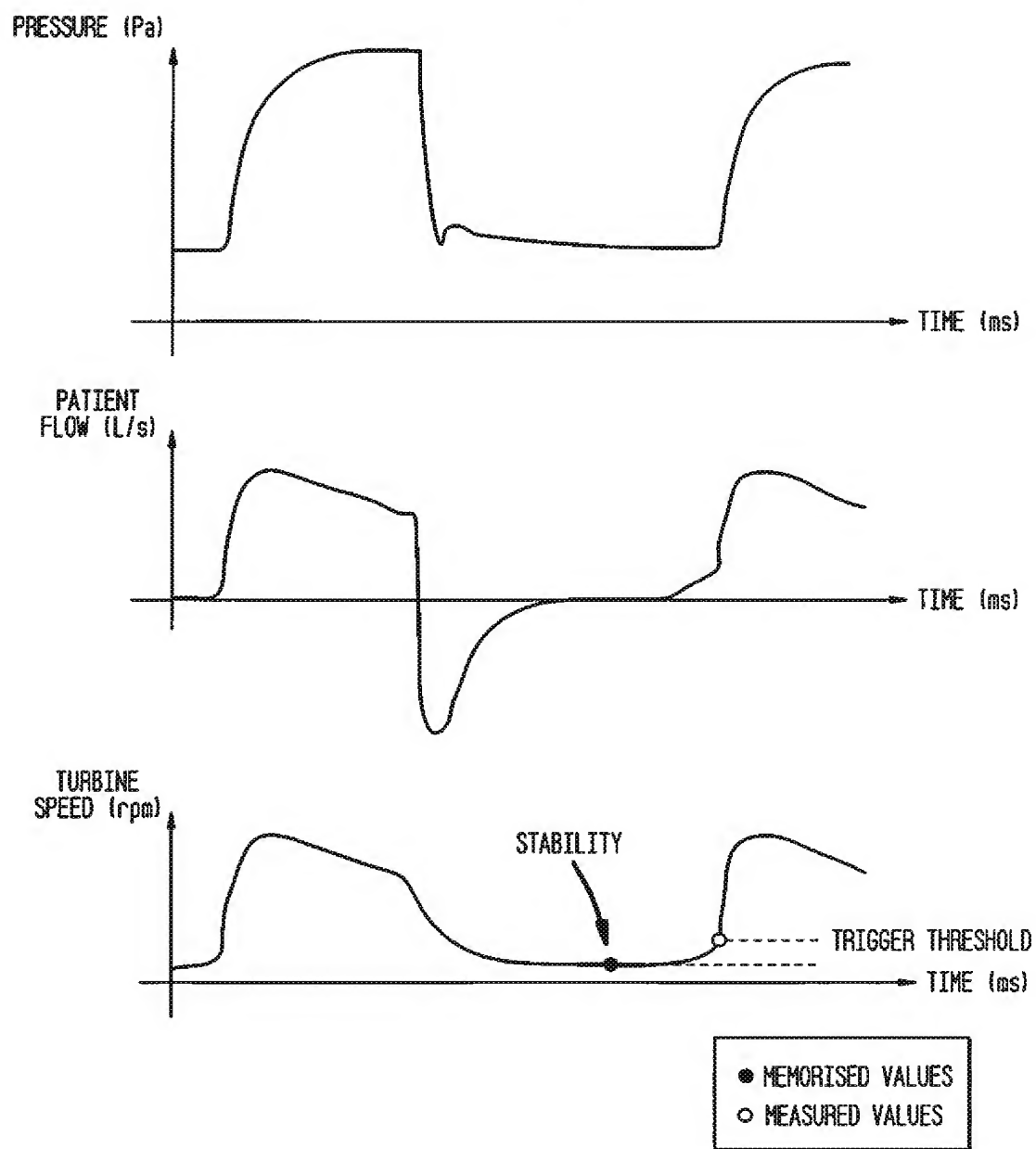


- THEORETICAL VALUE EVALUATION
- MEASURED VALUES

TRIGGERING OF INSPI CYCLE BY
FAST EFFORT DETECTION

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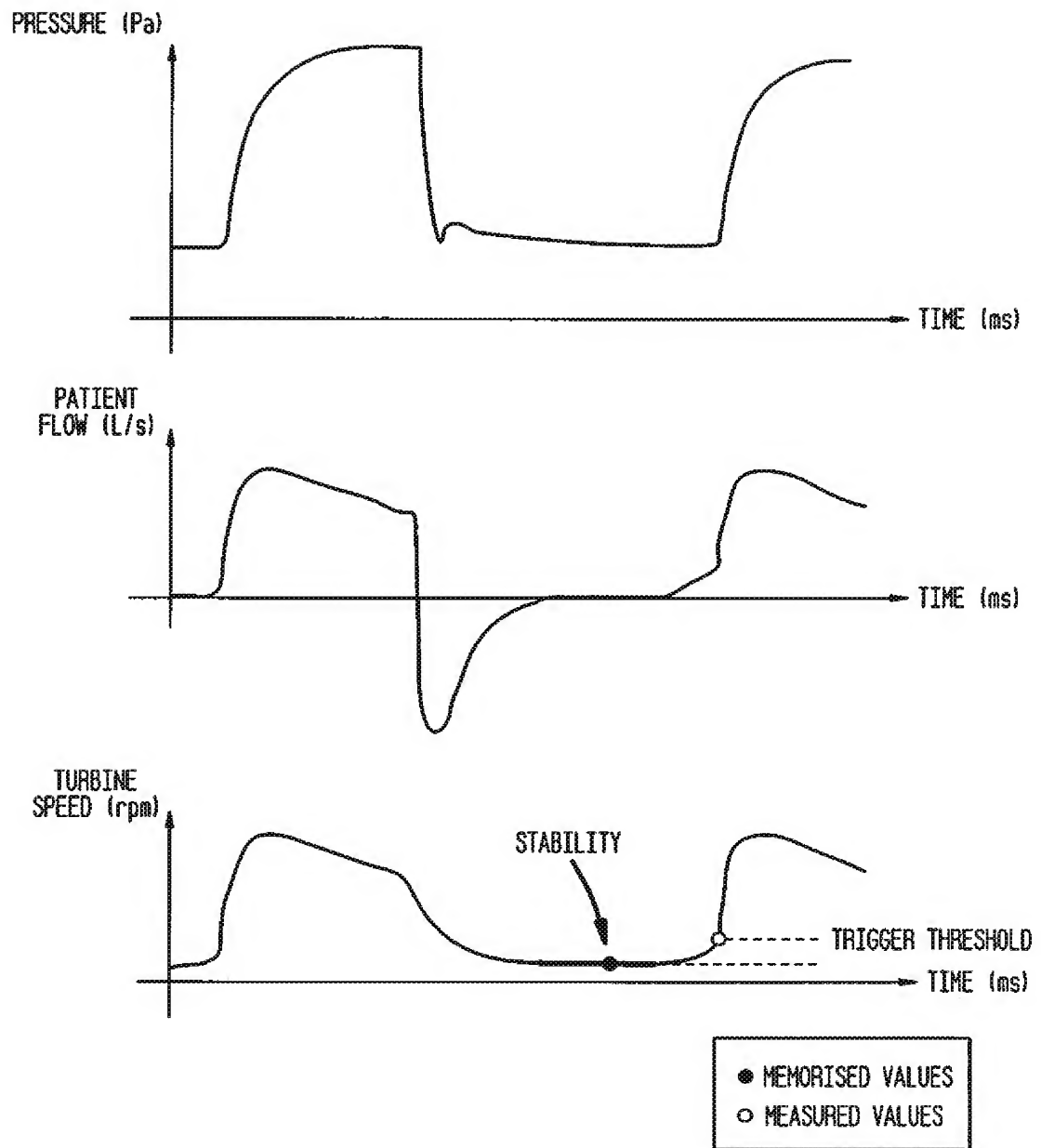
FIG. 6



TRIGGERING OF INSPI CYCLE BY DETECTION
OF SUBSTANCIAL EFFORT AFTER STABILITY

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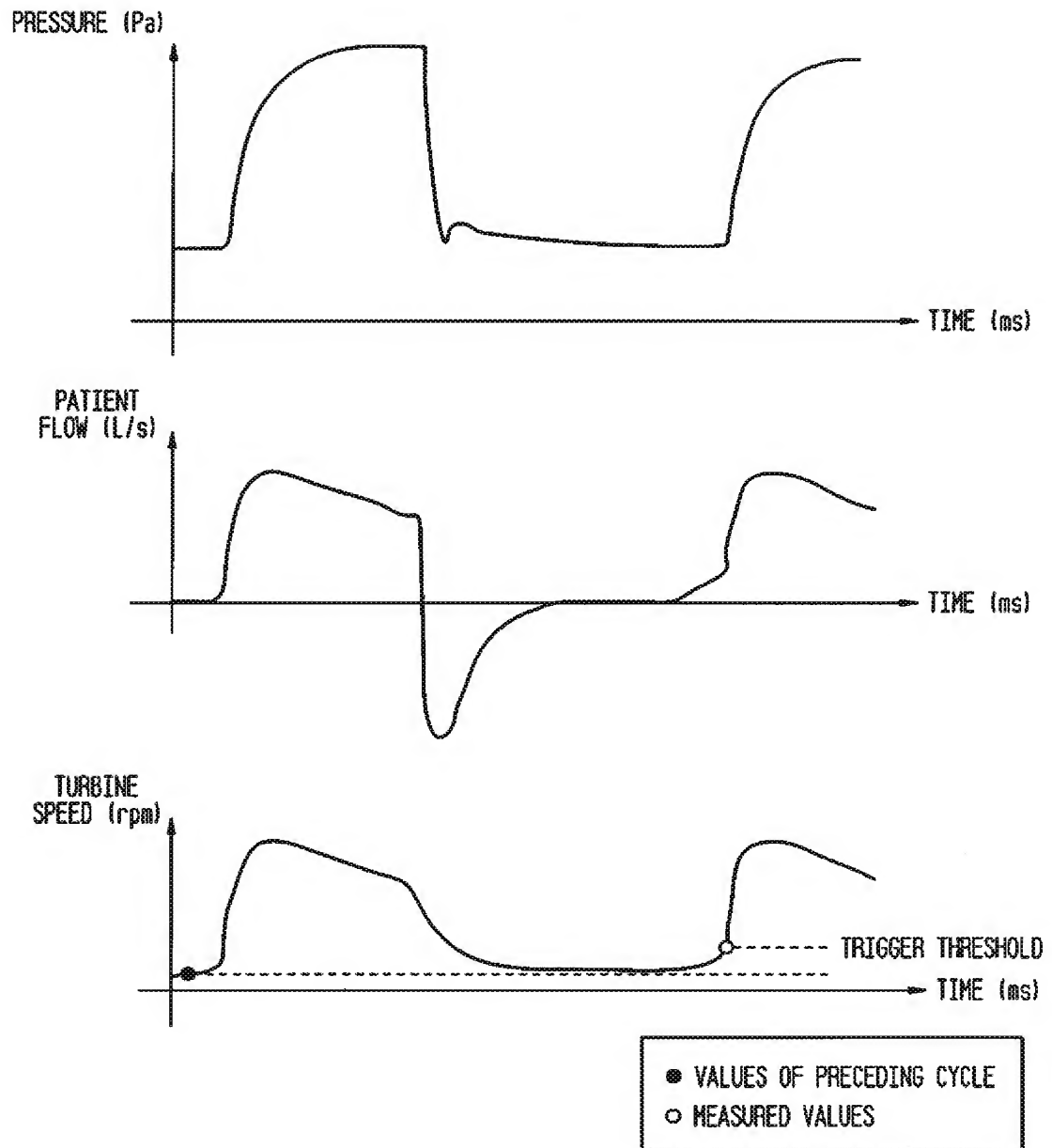
FIG. 7



TRIGGERING OF INSPI CYCLE BY DETECTION
OF SUBSTANCIAL EFFORT AFTER PROLONGED STABILITY

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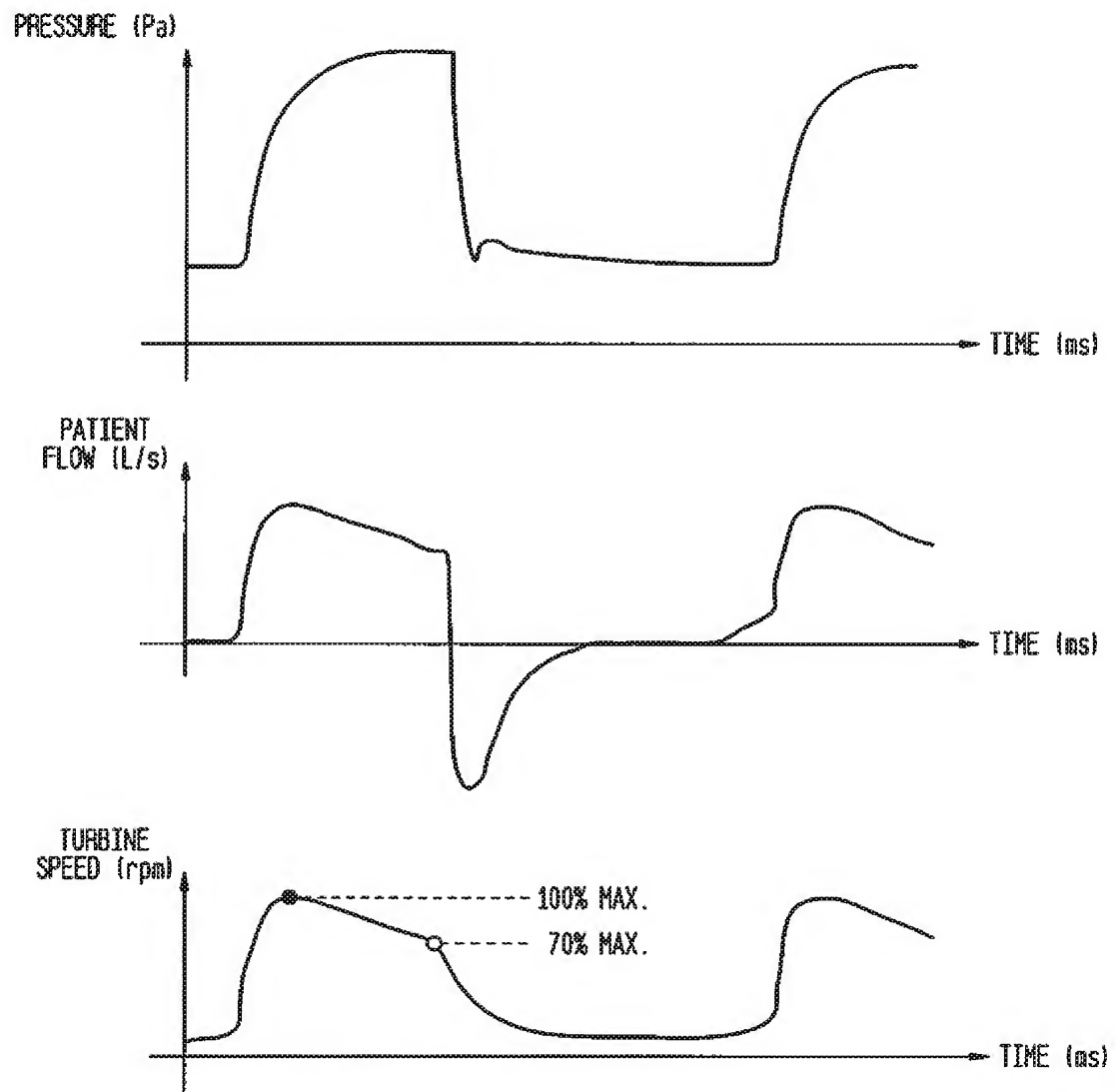
FIG. 8



TRIGGERING OF INSPI CYCLE BY CYCLE TO
CYCLE DETECTION OF EFFORT

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FIG. 9



TRIGGERING OF EXPIRATION CYCLE